

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-16 (Canceled)

17. (Currently Amended) A composition comprising aliphatic isocyanates, at least partially blocked by at least two different blocking agents, one of the blocking agents reacting with the isocyanate functional group via an OH group and the other reacting with the isocyanate functional group via an NH group or the at least two blocking agents reacting with the isocyanate functional group via an OH group, the at least two blocking agents having a deblocking temperature of between 80 and 200°C in the octanol test and being selected so that, in the octanol test at 110°C, the ratio

$$D = \frac{\text{percentage in equivalents of blocking agent which deblocks first at } 110^{\circ}\text{C}}{\text{percentage in equivalents of blocking agent which deblocks last at } 110^{\circ}\text{C}}$$

is greater than 4/3, with the proviso that, when a blocking agent comprises a phenol functional group as blocking functional group, it does not comprise a COOH functional

~~group and that, when one of the blocking agents is a 5-membered nitrogenous heterocycle having substituents, the sum in equivalent of the carbon atoms of the substituent groups with regard to the nitrogenous ring (number of carbon atoms of the substituent groups/number of 5-membered nitrogenous ring) is at least equal to 4~~ 1,2,4-triazole,
another cannot be methyl ethyl ketoxime, and when the composition comprises more than two blocking functional groups and one of the agents represents a five-membered nitrogenous heterocycle, the composition comprises more than 30 equivalent % of blocking agents reacting with the isocyanate functional group via the OH functional group, wherein said at least partially blocked aliphatic isocyanates fulfill the following conditions:

- at least one third of the free or blocked NCO functional groups are connected to a hydrocarbonaceous backbone via a saturated (sp^3) carbon;
- at least one third of said saturated (sp^3) carbons carry at least one hydrogen; and
- at least one third of said saturated (sp^3) carbons are connected to said backbone via a carbon atom itself bearing at least one hydrogen, the overall release temperature, as measured by the octanol test, is that of, or at the very least, very close to that of the group which is released first, that is, the lowest temperature.

18. (Previously Presented) A composition comprising isocyanates at least partially blocked, by at least two different blocking agents as defined in claim 17, wherein said ratio D is greater than 1.5.

19. (Previously Presented) A composition comprising isocyanates at least partially blocked by at least two different blocking agents as defined in claim 17, wherein said ratio D is greater than 2.

20. (Previously Presented) The composition of claim 17, wherein the ratio of the blocking groups is between 10/90 and 90/10 by weight.

21. (Previously Presented) The composition of claim 17, wherein one of the blocking agents is a substituted or unsubstituted (poly)nitrogenous heterocyclic compound.

22. (Previously Presented) The composition of claim 17, wherein the ratio of the blocking groups is between 20/80 and 80/20 by weight.

23. (Previously Presented) The composition of claim 17, wherein one of the blocking agents is selected from the group consisting of pyrazole, triazole and pyridine, each being optionally substituted.

24. (Previously Presented) The composition of claim 23, wherein one of the blocking agents is triazole, optionally substituted.

25. (Previously Presented) The composition of claim 17, wherein one of the two blocking agents is an oxime.

26. (Previously Presented) The composition of claim 17, wherein one of the blocking agents is an oxime selected from the group consisting of methyl ethyl ketoxime, acetone oxime, methyl amyl ketoxime, the oxime of methyl pyruvate and the oxime of ethyl pyruvate.

27. (Previously Presented) The composition of claim 17, wherein said blocking agents are selected from the pairs:

- triazole/methyl ethyl ketoxime,
- triazole/oxime of ethyl pyruvate,
- dimethylpyrazole/methyl amyl ketoxime,
- hydroxypyridine/methyl amyl ketoxime, and
- dimethylpyrazole/hydroxypyridine.

28. (Previously Presented) The composition of claim 17, comprising a mixture of compounds bearing blocked isocyanate functional group(s), wherein said compounds exhibit a mean functionality (number of blocked or nonblocked isocyanate functional groups per molecule comprising them) of greater than 2, and at most equal to about 15.

29. (Previously Presented) The composition of claim 17, comprising a mixture of compounds bearing blocked isocyanate functional group(s), wherein said compounds exhibit a mean functionality (number of blocked or nonblocked isocyanate functional groups per molecule comprising them) at least equal to 2.1, and at most equal to 4.

30. (Previously Presented) The composition of claim 17, comprising a mixture of compound bearing blocked isocyanate functional group(s) wherein said compounds exhibit a mean functionality (number of blocked or nonblocked isocyanate functional group per molecule comprising them) at least equal to 2.4 and at most equal to 7.

Claims 31-32 (Canceled)

33. (Previously Presented) A kit for the preparation of a coating, comprising, a composition of claim 17 and a coreactant comprising a reactive hydrogen.

34. (Previously Presented) The kit of claim 33, for the preparation of a paint.

35. (Currently Amended) A process for the preparation of a composition, comprising the step of reacting an aliphatic (poly)isocyanate composition, successively or simultaneously, with at least two different blocking agents, one of the blocking agents reacting with the isocyanate functional group via an OH group and the other reacting with the isocyanate functional group via an NH group or the at least two blocking agents

reacting with the isocyanate functional group via an OH group, the at least two blocking agents having a deblocking temperature of between 80 and 200°C in the octanol test and being selected so that, in the octanol test at 110°C, the ratio

$$D = \frac{\text{percentage in equivalents of blocking agent which deblocks first at 110°C}}{\text{percentage in equivalents of blocking agent which deblocks last at 110°C}}$$

is greater than 4/3, with the proviso that, when a blocking agent comprises a phenol functional group as blocking functional group, it does not comprise a COOH functional group and that, when one of the blocking agents is ~~a 5-membered nitrogenous heterocycle having substituents, the sum in equivalent of the carbon atoms of the substituent groups with regard to the nitrogenous ring (number of carbon atoms of the substituent groups/number of 5-membered nitrogenous ring)~~ is at least equal to 4 1,2,4-triazole, another cannot be methyl ethyl ketoxime, and when the polyisocyanate composition comprises more than two blocking functional groups and one of the agents represents a five-membered nitrogenous heterocycle, the composition comprises more than 30 equivalent % of blocking agents reacting with the isocyanate functional group via the OH functional group, wherein the following conditions are fulfilled:

- at least one third of the free or blocked NCO functional groups are connected to a hydrocarbonaceous backbone via a saturated (sp³) carbon;
- at least one third of said saturated (sp³) carbons carry at least one hydrogen; and

- at least one third of said saturated (sp^3) carbons are connected to said backbone via a carbon atom itself bearing at least one hydrogen.

36. (Previously Presented) A process for the preparation of coating polymers, comprising the following steps:

- bringing together the composition of claim 17 and a coreactant which comprises derivatives exhibiting reactive hydrogens; and

- heating the reaction mixture thus formed to a temperature which allows crosslinking of the isocyanate groups of compounds with said coreactant.

37. (Previously Presented) The composition according to claim 17, wherein the sum in equivalents of the carbon atoms of the substituent groups when one of the blocking agents is a substituted 5-membered nitrogenous heterocycle, is at least equal to 6.

38. (Previously Presented) The process according to claim 35, wherein the sum in equivalents of the carbon atoms of the substituent groups when one of the blocking agents is a substituted 5-membered nitrogenous heterocycle, is at least equal to 6.